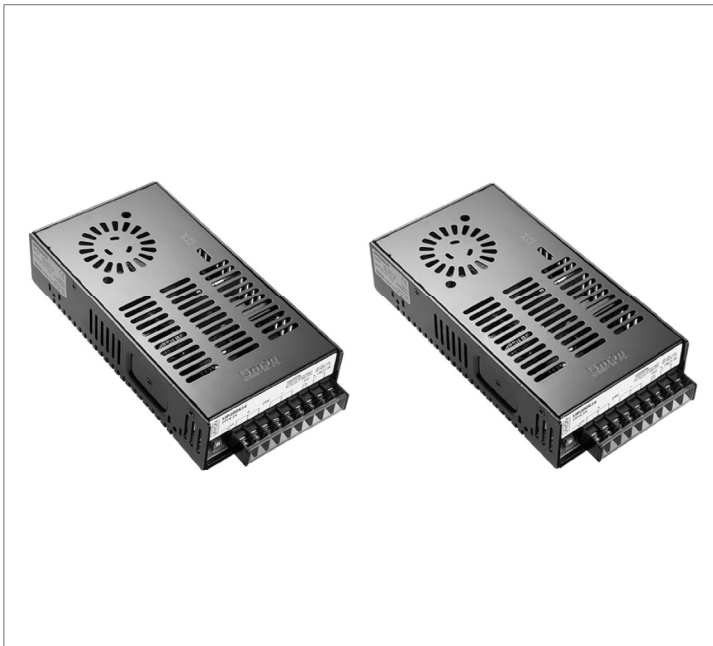


# 200S Series



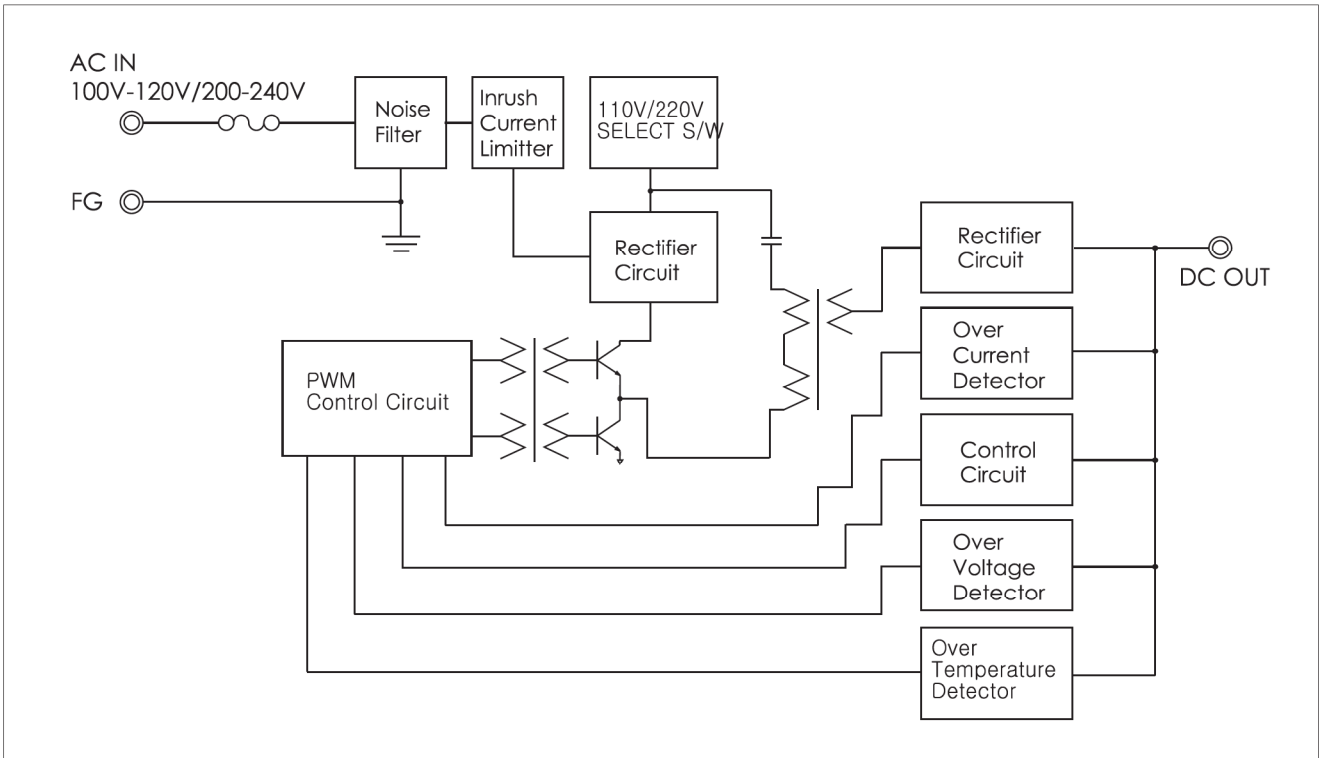
## 200W 1-Channel

- **5V40A/12V16.6A/15V13.3A/24V8.3A/36V5.5A/48V4.1A Output**
- **Dual Input Voltage Range (AC100-120V/AC200-240V)**
- **Built-in Inrush Current Limiter, Over Current Protector and Over Voltage Protector**
- **Over Temperature Protection**
- **Approved by EN 60950-1 CE**

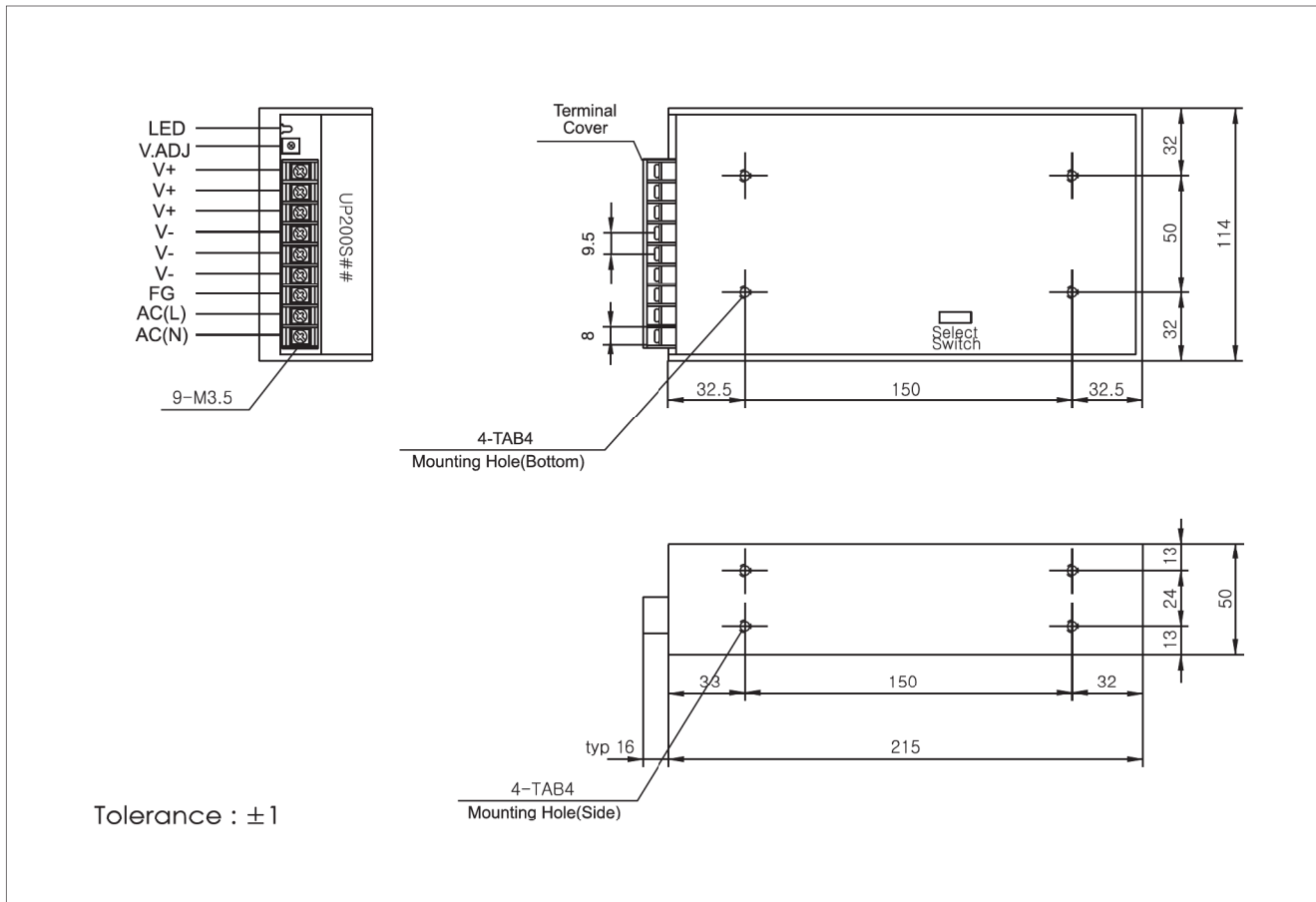
### SPECIFICATIONS

Item		UP200S05	UP200S12	UP200S15	UP200S24	UP200S36	UP200S48	
INPUT	VOLTAGE	AC100~120V/200~240V					4.0A typ (ACIN 110V, Io=100%) 2.1A typ (ACIN 220V, Io=100%)	
	FREQUENCY	50/60Hz(47~63Hz)						
	EFFICIENCY	80% Typ	82% Typ	82% Typ	85% Typ	85% Typ	85% Typ	
	INRUSH CURRENT	20A Typ(ACIN 110V, Io=100%)/40A Typ(ACIN 220V, Io=100%) at cold start						
OUTPUT	VOLTAGE [V]	<b>5</b>	<b>12</b>	<b>15</b>	<b>24</b>	<b>36</b>	<b>48</b>	
	CURRENT [A]	<b>40.0</b>	<b>16.6</b>	<b>13.3</b>	<b>8.3</b>	<b>5.5</b>	<b>4.1</b>	
	LINE REGULATION [mV]	25 Max	60 Max	75 Max	120 Max	180 Max	240 Max	
	LOAD REGULATION [mV]	50 Max	120 Max	150 Max	240 Max	360 Max	480 Max	
	RIPPLE [mVp-p]	50 Max	120 Max	150 Max	240 Max	360 Max	480 Max	
	RIPPLE NOISE [mVp-p]	100 Max	170 Max	200 Max	290 Max	410 Max	530 Max	
	TEMPERATURE DRIFT,0-50°C [mV]	50 Max	120 Max	150 Max	240 Max	360 Max	480 Max	
	RISE TIME [msec]	600 Max (ACIN 100V/200V, Io=100%)						
	HOLDING TIME [msec]	15 Typ(ACIN 100V/200V, Io=100%)						
PROTECTION	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically						
	OVER VOLTAGE PROTECTION	Works at 115~140% of rating						
ISOLATION	INPUT-OUTPUT	AC3,000V for 1 minute, DC500V 100Mohm (At room temp. & humid.)						
	INPUT-CASE, FG	AC1,500V for 1 minute, DC500V 100Mohm (At room temp. & humid.)						
	OUTPUT-CASE	AC500V for 1 minute, DC500V 100Mohm (At room temp. & humid.)						
ENVIRONMENT	OPERATING TEMP. & HUMID.	-10~+50°C, 20~90%RH(Non condensing)						
	STORAGE TEMP. & HUMID.	-20~+75°C, 20~90%RH(Non condensing)						
	VIBRATION	10~55Hz at 1G 3 minutes period, 30 minutes along X, Y and Z axis						
	IMPACT	10G for 20 msec, Once on each X, Y and Z axis						
	APPROVALS	CE	CE	CE	CE	CE	CE	

BLOCK DIAGRAM



DIMENSIONS(UNITS : MM)



S.M.P.S